Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071522\
Data File : BG054298.D
Acq On : 15 Jul 2022 11:50
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 14:21:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 14:17:51 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.000	152	25792	20.000	ng		0.00
21) Naphthalene-d8	10.808	136	102386	20.000	ng	#	0.00
39) Acenaphthene-d10	14.633	164	83844	20.000	ng		0.00
64) Phenanthrene-d10	17.377	188	218343	20.000	ng	#	0.00
76) Chrysene-d12	21.642	240	255935	20.000	ng	#	0.00
86) Perylene-d12	24.839	264	276738	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.561	112	49160	38.294	ng		0.00
7) Phenol-d6	7.165	99	71295	40.265	ng		0.00
23) Nitrobenzene-d5	9.163	82	75515	40.024	ng		0.00
42) 2,4,6-Tribromophenol	16.119	330	68454	42.148	ng		0.00
45) 2-Fluorobiphenyl	13.258	172	236328	41.416	ng		0.00
79) Terphenyl-d14	19.985	244	528951	42.500	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.428	88	9614	17.124	ng		94
3) Pyridine	3.834	79	25172	17.952	ng	#	92
4) n-Nitrosodimethylamine	3.746	42	14937	21.086	ng	#	79
6) Aniline	7.318	93	41657	20.014	ng		97
8) 2-Chlorophenol	7.565	128	28941	20.114	ng		89
9) Benzaldehyde	7.136	77	21608m	20.322	ng		
10) Phenol	7.195	94	35431	19.833	ng		92
11) bis(2-Chloroethyl)ether	7.412	93	25845	19.618	ng		95
12) 1,3-Dichlorobenzene	7.888	146	36062	20.641	ng		93
13) 1,4-Dichlorobenzene	8.035	146	37045	20.691	ng		96
14) 1,2-Dichlorobenzene	8.358	146	35223	20.489	ng		93
15) Benzyl Alcohol	8.235	79	30296	21.225	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	32817	17.939	ng		93
17) 2-Methylphenol	8.446	107	25632	20.082	ng		95
18) Hexachloroethane	9.086	117	12648	20.764	ng	#	63
19) n-Nitroso-di-n-propyla...	8.799	70	24239	20.052	ng		95
20) 3+4-Methylphenols	8.775	107	36619	20.447	ng		98
22) Acetophenone	8.822	105	48599	19.641	ng	#	96
24) Nitrobenzene	9.204	77	35921	19.366	ng	#	80
25) Isophorone	9.727	82	65574	19.213	ng	#	92
26) 2-Nitrophenol	9.921	139	18218	19.936	ng	#	88
27) 2,4-Dimethylphenol	9.980	122	25786	20.174	ng		95
28) bis(2-Chloroethoxy)met...	10.209	93	32824	18.893	ng	#	96
29) 2,4-Dichlorophenol	10.461	162	37893	20.454	ng		91
30) 1,2,4-Trichlorobenzene	10.673	180	47326	20.705	ng	#	94
31) Naphthalene	10.861	128	101422	19.699	ng		99
32) Benzoic acid	10.138	122	8017m	15.414	ng		
33) 4-Chloroaniline	10.967	127	41404	19.338	ng		92
34) Hexachlorobutadiene	11.149	225	42112	22.204	ng		98
35) Caprolactam	11.725	113	9842	18.655	ng	#	77
36) 4-Chloro-3-methylphenol	12.089	107	34423	19.313	ng	#	84
37) 2-Methylnaphthalene	12.465	142	79383	20.119	ng		97
38) 1-Methylnaphthalene	12.682	142	76749	20.035	ng		97
40) 1,2,4,5-Tetrachloroben...	12.835	216	72398	21.272	ng	#	95
41) Hexachlorocyclopentadiene	12.817	237	15869	18.645	ng		91
43) 2,4,6-Trichlorophenol	13.076	196	39701	20.312	ng		95

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44) 2,4,5-Trichlorophenol	13.152	196	45173	21.128	ng	#	89
46) 1,1'-Biphenyl	13.470	154	113589	20.146	ng		96
47) 2-Chloronaphthalene	13.511	162	95177	20.193	ng		98
48) 2-Nitroaniline	13.711	65	24827	18.611	ng		85
49) Acenaphthylene	14.357	152	140706	19.678	ng		99
50) Dimethylphthalate	14.087	163	127576	19.379	ng		98
51) 2,6-Dinitrotoluene	14.204	165	28830	20.149	ng	#	76
52) Acenaphthene	14.698	154	84372	19.508	ng		98
53) 3-Nitroaniline	14.533	138	23302	18.372	ng		91
54) 2,4-Dinitrophenol	14.750	184	12932	19.276	ng	#	70
55) Dibenzofuran	15.032	168	150513	19.813	ng		92
56) 4-Nitrophenol	14.856	139	15290	18.765	ng		93
57) 2,4-Dinitrotoluene	14.997	165	40253	19.428	ng	#	83
58) Fluorene	15.679	166	123974	19.645	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.262	232	43666	20.391	ng	#	87
60) Diethylphthalate	15.444	149	121844	18.977	ng		96
61) 4-Chlorophenyl-phenyle...	15.667	204	82211	20.509	ng	#	88
62) 4-Nitroaniline	15.696	138	24642	18.602	ng		93
63) Azobenzene	15.961	77	88530	18.296	ng		85
65) 4,6-Dinitro-2-methylph...	15.767	198	26594	20.704	ng		75
66) n-Nitrosodiphenylamine	15.884	169	109135	19.816	ng		95
67) 4-Bromophenyl-phenylether	16.560	248	61744	21.202	ng	#	90
68) Hexachlorobenzene	16.689	284	70827	21.308	ng	#	90
69) Atrazine	16.830	200	49875	20.505	ng		95
70) Pentachlorophenol	17.036	266	26888	20.136	ng		98
71) Phenanthrene	17.418	178	215789	19.757	ng		99
72) Anthracene	17.512	178	214343	20.039	ng		98
73) Carbazole	17.776	167	177248	19.568	ng		98
74) Di-n-butylphthalate	18.334	149	206927	19.292	ng		98
75) Fluoranthene	19.433	202	295889	19.921	ng		96
77) Benzidine	19.604	184	89489	19.919	ng		97
78) Pyrene	19.792	202	298357	20.256	ng		98
80) Butylbenzylphthalate	20.673	149	91403	19.151	ng	#	83
81) Benzo(a)anthracene	21.625	228	324256	20.028	ng		99
82) 3,3'-Dichlorobenzidine	21.537	252	103597	20.936	ng	#	98
83) Chrysene	21.689	228	305433	19.947	ng		98
84) Bis(2-ethylhexyl)phtha...	21.525	149	128952	19.043	ng	#	95
85) Di-n-octyl phthalate	22.723	149	218841	18.773	ng	#	93
87) Indeno(1,2,3-cd)pyrene	28.511	276	415744	19.970	ng	#	99
88) Benzo(b)fluoranthene	23.822	252	322926	19.678	ng	#	99
89) Benzo(k)fluoranthene	23.893	252	328491	20.177	ng	#	97
90) Benzo(a)pyrene	24.692	252	279895	19.934	ng	#	99
91) Dibenzo(a,h)anthracene	28.558	278	344163	20.179	ng	#	94
92) Benzo(g,h,i)perylene	29.651	276	337860	19.861	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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